Index of Claims

<b>Appli</b>	cation	/Control	No.
--------------	--------	----------	-----

Applicant(s)/Patent under Reexamination HETZER ET AL.

09/911,811

Art Unit

Examiner

Leonard S. Liang

2853

Rejected Allowed

_	(Through numeral) Cancelled						
÷	Restricted						

Z	Non-Elected
	Interference

A	Appeal
0	Objected

E     E	Cla	aim					Date	e				Cla	aim					ate					Cli	aim			_	[
102	Final	Original	12/15/05									Final	Original										Final					
103			V								]				$\Box$						$\Box$					$\Box$	$\Box$	
S		2	177							_	4				_	_	_	_	_	_	4	4				_	$\dashv$	
55   V				_	<u>L</u> .	ļ	_										_	-	-		4	4	-			$\dashv$	$\dashv$	
6 V     7 V     106     107       7 V     57     107     107       8 V     58     109     109       10 V     60     110     111       11 V     61     111     111       11 3     63     113     113       14     64     114     114       15     65     115     115       16     66     116     117       18     68     118     118       19     69     119     120       20     70     120     121       21     71     121     121       22     72     122     122       23     73     123     123       24     74     124     124       25     76     125     125       26     76     126     127       77     127     127     127       28     78     128     128	-			├-	_	-	-		Н		4			$\vdash$	$\dashv$	-+	$\dashv$	$\dashv$	$\dashv$	$\dashv$	+	-			$\vdash$	$\dashv$	$\dashv$	
10	-			$\vdash$	_	-	_	$\vdash$			-			$\dashv$	$\dashv$	$\dashv$	$\dashv$		$\dashv$			-			Н	$\dashv$	$\dashv$	
8     V     58     108     109       10     V     60     110     110     1110     1110     1110     1110     1110     1110     1110     1110     1111     1111     1111     1111     1111     1111     1112     1113     1113     1113     1113     1113     1113     1113     1113     1114     1115     115     115     115     115     115     115     115     115     116     117     116     117     116     117     116     116     116     116     116     116     116     116     117     118     118     118     118     119     119     120     117     118     118     118     119     120     120     121     121     121     121     121     121     121     121     121     121     122     122     123     123     124     124     124     124     124     124     124     124     125	$\vdash$		11	⊢	-	┝	⊢			+	$\dashv$			$\dashv$	$\dashv$	ᆉ	$\dashv$			-	-+	-			$\vdash$	$\dashv$	$\dashv$	_
9     V     60     110     M     60     110     M     110     110     1110     1110     1110     1111     1111     1111     1111     1112     1112     1112     1112     1112     1112     1112     1112     1112     1112     1112     1112     1112     1112     1113     114     114     114     114     114     114     114     114     114     114     114     114     114     114     115     116     63     66     66     1115     115     116     115     116     115     116     117     117     117     117     117     117     117     117     117     118     69     119     119     120     119     120     121     121     121     121     122     122     122     122     122     122     122     122     122     123     123     123     124     124     124     124     125     125 <t< td=""><td>-</td><td></td><td>₩</td><td>╁</td><td>├</td><td>-</td><td>┢</td><td><math>\vdash</math></td><td></td><td><math>\dashv</math></td><td>┨</td><td></td><td></td><td><math>\dashv</math></td><td>-+</td><td>1</td><td></td><td></td><td><math>\neg</math></td><td><math>\dashv</math></td><td><math>\dashv</math></td><td>┨.</td><td></td><td></td><td>Н</td><td><math>\dashv</math></td><td><math>\dashv</math></td><td></td></t<>	-		₩	╁	├	-	┢	$\vdash$		$\dashv$	┨			$\dashv$	-+	1			$\neg$	$\dashv$	$\dashv$	┨.			Н	$\dashv$	$\dashv$	
10   V	_		Ĭ		$\vdash$	-				-	ヿ			$\dashv$	$\dashv$	7			_	_	-	1			П	ヿ	一	_
11   V	-		V			<u> </u>	$\vdash$				ヿ			$\neg$	寸					$\neg$	$\dashv$	7					ヿ	_
13			V				Г			1	ヿ		61									_]		111				
14     15     64     115     115     115     115     115     115     115     115     115     115     115     115     115     116     117     118     119     66     118     119     119     119     119     119     120     120     120     120     120     120     120     120     121     121     122     122     122     122     122     122     122     122     122     122     122     123     123     123     123     123     123     123     123     123     124     124     124     124     124     124     124     125     126     126     126     126     126     126     127     127     128     129     130     130     131     130     131     131     132     132     132     132     132     132     133     133     133     133     133     133     133     133     133     133		12	V								]																	
15																						_				_	_	
16			_	乚		_	╙	_			_			Ц	_	_			$\perp$	_	_	_			Ш	$\dashv$	_	
17			↓_	ļ	<u> </u>	_	┡			_	4			$\sqcup$	-		_	_	_	_		4			Н		$\dashv$	
18   19   118   119     20   70   120   120     21   71   121   121     22   73   122   123     24   74   124   124     25   75   125   126     27   77   127   128     29   79   129   130     30   80   130   131     31   81   131   131     32   82   132   132     33   83   133   131     34   84   134   134     35   85   135   135     36   86   136   136     37   87   137   138     39   90   140   141     41   91   142   142     43   93   144   144     44   94   144   144     45   95   145   146     46   97   145   146 <td>ļ</td> <td></td> <td>ļ</td> <td><b> </b></td> <td>_</td> <td><u> </u></td> <td>├_</td> <td><u> </u></td> <td><u> </u></td> <td></td> <td>4</td> <td></td> <td></td> <td><math>\vdash</math></td> <td>_</td> <td><math>\dashv</math></td> <td> </td> <td>_</td> <td></td> <td>_</td> <td><math>\dashv</math></td> <td>4</td> <td></td> <td></td> <td><math>\vdash</math></td> <td><math>\dashv</math></td> <td><math>\dashv</math></td> <td></td>	ļ		ļ	<b> </b>	_	<u> </u>	├_	<u> </u>	<u> </u>		4			$\vdash$	_	$\dashv$		_		_	$\dashv$	4			$\vdash$	$\dashv$	$\dashv$	
19   69   119     20   70   120     21   71   121     22   121   72     23   123   123     24   125   125     26   76   125     27   77   127     28   78   128     29   79   129     30   80   130     81   131   131     32   82   133     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   90   140     41   91   141     42   92   142     43   93   144     44   94   144     45   95   145     46   97   147     48   99   149	-		╁	┢	⊢	-	-	⊢	┝	+	-			$\vdash$	-	-		_			+	$\dashv$	-		$\vdash$	$\dashv$	$\dashv$	
20     120       21     71       22     72       23     73       24     74       25     75       26     76       27     127       28     78       29     79       30     80       31     81       32     82       33     83       33     131       32     83       33     133       34     84       35     85       36     86       37     87       38     134       39     89       40     90       41     91       44     92       93     140       44     94       44     94       44     94       44     94       45     96       46     97       48       49     99	-		╀	-		-	┢	-		+				Н	-		$\dashv$		$\dashv$	-	$\dashv$	-	_		Н	$\dashv$	$\dashv$	
21     71     121     122     122     123     123     123     123     123     123     123     123     123     124     124     124     124     124     124     125     126     126     126     126     127     127     127     127     127     128     128     128     128     129     129     130     130     130     130     131     131     131     131     131     131     131     131     131     131     131     132     132     133     134     134     135     135     136     136     137     137     137     137     137     138     138     139     139     140     141     141     142	-		╁	╁			╁一	$\vdash$	$\vdash$	+	┪			Н	$\dashv$		$\dashv$		$\dashv$	-	$\dashv$	$\dashv$	-		Н	$\dashv$	$\dashv$	_
22     33     122     123     123     123     123     123     124     123     123     124     125     125     125     125     126     126     126     127     127     127     127     127     127     127     127     128     128     129     129     130     129     130     130     130     130     131     131     131     131     131     131     132     133	-		╁	╁	$\vdash$	-	╁	H	-	$\dashv$	┪			₩					$\neg$		$\dashv$	-	-		Н	$\dashv$	$\dashv$	
23     73     123     124     124     124     124     124     125     126     125     126     126     127     127     127     127     127     128     128     128     128     129     129     129     130     130     130     130     130     130     131     131     131     131     131     132     132     132     132     132     133     133     133     134     134     134     134     134     134     134     134     134     134     135     135     135     135     135     136     137     137     137     138     139     139     140     140     141     141     141     141     141     141     142     142     142     143     144     144     144     144     144     144     144     144     144     144     144     144     145     145     145     145     145     146     147			╁	H	$\vdash$	_	┢	H	<del>                                     </del>	-	┪				$\dashv$	-		$\neg$			T	1						
24   74   124     25   75   125     26   76   126     27   77   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   96   146     46   96   146     47   97   147     48   98   148     49   99   149		23	┢	T	Т			t			1			П	寸							$\neg$			П	一	ヿ	_
25     125       26     76       27     126       28     77       28     78       29     129       30     80       31     130       32     82       33     132       34     84       35     85       36     86       37     87       38     136       39     88       40     90       41     91       42     92       43     93       44     94       45     96       47     97       48     98       146     146       47     97       48     98       149     149	-		T	T		Т		T	$\Box$		1											$\neg$				П	П	
27   28     29   77     30   80     31   81     32   82     33   81     34   84     35   85     36   86     37   88     39   88     40   90     41   91     42   92     43   94     44   95     46   96     47   97     48   98     49   99			1					Π																			$\Box$	
28   78   128     29   129   129     30   130   130     31   81   131     32   83   132     33   84   134     35   85   135     36   86   136     37   88   138     39   88   138     40   90   140     41   91   141     42   93   142     43   94   144     45   95   145     46   96   146     47   97   147     48   99   148     49   99   149								ļ																	Ш	Ш	$ \bot  $	
29   79   129     30   31   80   130     31   81   131     32   83   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   94   144     44   94   144     45   95   145     46   96   145     47   97   147     48   99   148     49   99   148								<u>L</u>	<u> </u>							_						_			Ш	Ш	$\dashv$	
30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   144     44   94   94   144     45   96   146     47   97   147     48   98   148     49   99   149	<u> </u>		<u> </u>	╙	L		_	<u> </u>	_		_			Ш	_	4			_		$\dashv$	4	<u> </u>		Ш	$\sqcup$	$\dashv$	
31   81   131   132   132   132   133   133   133   133   133   133   134   134   134   134   134   134   135   135   135   135   135   136   136   137   137   137   138   138   138   138   138   138   139   140   140   141   140   141   141   142   142   142   142   142   143   144   144   144   144   144   144   145   146   147   148   148   149	<u> </u>		╄	ļ		L	ļ	<u> </u>	_	-	4			$\square$	_				_		-		<b>-</b>		$\vdash$	$\vdash$	$\dashv$	_
32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   88   138     39   88   138     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149	<u> </u>		┼	₽		-		<u> </u>	_		4			$\vdash$	$\dashv$	$\dashv$					-	-	ļ		H	$\vdash$	$\dashv$	
33   83   133   134     34   84   134   134     35   86   135   135     36   86   136   137     38   88   138   138     39   90   140   140     41   91   141   141     42   92   142   142     43   93   143   143     44   94   144   144     45   95   145   146     47   96   146   147     48   98   148   148     49   99   149   149	-		╄	⊢		-		-	⊢	-	-				-	$\dashv$	_	_			-	-				$\vdash$	$\dashv$	
34   84   134     35   85   135     36   86   136     37   88   137     38   88   138     39   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   98   148     49   99   149	-		╀	├	-	-	-	<del> </del>	├	-	┪			$\vdash$	$\dashv$							-	-		Н	H	-	
35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149			$\vdash$	H	-	┢	⊢	<del>                                     </del>	┢	+	╡			$\vdash$	$\dashv$	$\dashv$		-			$\dashv$	-			Н		$\dashv$	_
36   86   136     37   87   137     38   88   138     39   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149			$\vdash$	╁	┢		1	┢			┪			Н	ᅥ	T		_			7	7			П		$\neg$	
37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149			$\dagger$	1		<u> </u>		1		$\neg$	1			М								╗.						
38   88   138     39   90   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145     46   96   146     47   97   147     48   98   148     49   99   149			$\vdash$	$\vdash$		Т	T	$I^-$	Т		٦													137				
39 89   40 90   41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 149						Γ	$\Gamma$						88											138				
41 91   42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 149		39		L			$\Box$																				Ш	
42 92   43 93   44 94   45 95   46 96   47 97   48 98   49 149						Ē					_			$oxed{oxed}$	_]							_	<u></u>			Ш	Щ	
43 93   44 94   45 95   46 96   47 97   48 98   49 99				<u> </u>		_	↓_	L	<u> </u>		4	<u> </u>		Ш		_					$\dashv$	_			L.		$\sqcup$	
44 94   45 95   46 96   47 97   48 98   49 99	<u> </u>		┡	┞	┞_	<u> </u>	┞-	<u> </u>	_	-	4	<u> </u>				_	_	<u> </u>	_	$\vdash$	$\dashv$	-				Н	$\vdash$	_
45 95   46 96   47 97   48 98   49 99	-		1_	<del> </del>	⊢	ļ.	$\vdash$	$\vdash$		+	4	<u> </u>		$\vdash$	_	-			-	اـــا	$\vdash \vdash$	$\dashv$			H	$\vdash$	$\vdash$	<u> </u>
46 96   47 97   48 98   49 148   99 149	$\vdash$		┼	$\vdash$	$\vdash$	$\vdash$	$\vdash$	┼-	$\vdash$	-+-	$\dashv$			-1			$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\dashv$	$\dashv$	-		├	$\vdash \vdash$	$\vdash$	$\vdash$
47 97 147   48 98 148   49 99 149	-	45	╁	╁	<del> </del>	$\vdash$	$\vdash$	┢		+	$\dashv$	<u> </u>		$\vdash$	$\vdash$	_	-		⊢		$\vdash \vdash$	$\dashv$	-		$\vdash$	$\vdash$		
48 98   49 148   149 149	-		╁	╁	╁╌	-	+-	+-	$\vdash$	$\vdash \vdash$	$\dashv$			Н		-	H	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\dashv$			╁	H	$\vdash$	_
49 99 149 149			+	$\vdash$	+-	$\vdash$	$\vdash$	$\vdash$	$\vdash$	$\vdash$	1	<del>                                     </del>		$\vdash \vdash$	$\dashv$	$\exists$	_	-	-	$\vdash$	$\vdash \uparrow$	$\dashv$	-		Т	Н	$\sqcap$	Г
			+	1	t	$t^-$	1	T	$\vdash$	$\vdash$	1			Н				Г	Т		$\vdash$	$\dashv$			П	$\sqcap$	П	Г
		50	$\top$	T		Т		T		$\vdash$	1		100	П				Г						150				

Cla	im	Date										
<u>ज</u>	Original							1				
Final	ij											
-	Ō											
	E4		-			-	-	-		_		
	51 52 53		_				$\dashv$	_	_	_		
	52						$\dashv$	_		_		
	53											
	54											
	54 55											
	56											
	57											
	58											
	59		_	_	-			_				
<b>—</b>	60	_		_	$\vdash$	-	-					
-	61	$\dashv$		-		-	-	_		_		
-	60	_		-	_	-	-		_	_		
	62 63				<u> </u>	Щ	Щ			<u> </u>		
	63				Щ	Ш				$\vdash$		
	64	Щ		_	Щ	Ш	Щ			L_		
L	65									L		
	66											
	67											
	68											
	69									Г		
	70						_					
-	71			_			_		_	┢		
-	72			-	$\vdash$		_	_		-		
	73		_	-		-						
<b> </b>	73 74 75	-		-	-				_			
<b>-</b>	75	-		-	H	_	_		⊢	$\vdash$		
<b> </b>	76	_		-	-		$\vdash$		$\vdash$	-		
	76 77			<u> </u>	<u> </u>	-	_	-	_	-		
	77		_	<u> </u>	<u> </u>	-			_	L		
ļ	78		_	_	┞-		_		<u> </u>	_		
L	79	_		<u> </u>	_				<u> </u>			
	80		_						L_			
	81				L	<u> </u>			<u> </u>	<u> </u>		
	82			L_	<u> </u>				_			
	83		L	L	L	L						
	84											
	85								_			
	86								_			
	87			<u> </u>	i -		П			Ι_		
	88		$\vdash$	$\vdash$					$\vdash$	Т		
	89	$\vdash$	$\vdash$	-	-	┢			-	$\vdash$		
	90	_		-	┢	-	-	_	H	-		
	91	_	┝	┝	┪	-	$\vdash$		-	┢		
-	92	-	├-	-	$\vdash$		-	-	$\vdash$	$\vdash$		
$\vdash$	93	-	$\vdash$	$\vdash$	┢	-	-	$\vdash$	$\vdash$	$\vdash$		
<u> </u>		-	<u> </u>	$\vdash$	<u> </u>	├	<del> </del> —	├	⊢	⊢		
<u> </u>	94	<u> </u>		-	$\vdash$	$\vdash$	<del> </del>	$\vdash$	<u> </u>	$\vdash$		
	95	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<b> </b>	├—	<u> </u>	<b>-</b>	<b> </b> -		
	96	<u> </u>	<b> </b>	<u> </u>		<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		
	97	L	<u> </u>	Щ	<u> </u>		_	<u> </u>	<u> </u>			
	98	<u> </u>	L.,	<u> </u>	乚	<u> </u>	_	<u> </u>	_	L		
	99		L	L	$oxed{oxed}$	_	L_		<u></u>	L		
	100	I		1	1		ı		1 ~			

Cli	Date										
<del>-</del>	Original										
Final	ġ										
"-	ŏ										
		Н	$\vdash$	_			$\dashv$	_		$\vdash$	
	101	L	Ш		-		-			Н	
-	102 103		<u> </u>				_			Ш	
<u> </u>	103					_				Щ	
	104 105	_	Щ							Щ	
	105		Ш				Щ			Щ	
	106		Щ							Ш	
	107		Ш								
	108										
	109										
	110									Ш	
	111									Ш	
	112								L	Ш	
	113	<u></u>							L		
L	114	匚	_							لسا	
<u></u>	115	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	<u> </u>	Щ.	Щ	L.,			<u> </u>	Ш	
<u> </u>	116			Щ	L_	L_		L.,	<u> </u>	Щ	
	117		_	Щ			Ш	L	_	Щ	
<u> </u>	118	_							<u> </u>	Щ	
	119	<u> </u>	<u> </u>	_	_	_			<u> </u>	Ш	
<u> </u>	120	_	L			-		-	-		
	121	<u> </u>	ļ.,	_	_			_	<u> </u>	$\vdash$	
	122	<del> </del>	⊢	$\vdash$	-					-	
	123		├	H	<u> </u>	<b>.</b>	-	-	-	-	
<del> </del>	121 122 123 124 125	$\vdash$			$\vdash$	-	-		$\vdash$	H	
	126		$\vdash$	$\vdash$	Н	Н			$\vdash$	Н	
	126 127 128	$\vdash$	Н	$\vdash$					$\vdash$	Г	
	128	T		Т			Н	┢	$\vdash$	Г	
$\vdash$	129				_					Т	
	130	$\vdash$	_	$\vdash$	$\vdash$	_			<u> </u>	_	
	129 130 131	$\vdash$	┢		-	<u> </u>			_		
	132	<del>                                     </del>	T	<u> </u>	$\vdash$	$\vdash$			Г		
	132 133	T	Г		<del>                                     </del>						
	134		Г						Ι.		
	135	Γ	Π								
	136	Γ	П		Γ	Г					
	137					Γ	Г				
	138										
	139					L.					
	140										
	141		L_	<u> </u>	<u> </u>	<u> </u>	_		L	Ш	
	142		$oldsymbol{oldsymbol{oldsymbol{eta}}}$		<u> </u>	<u> </u>		<u> </u>	<u> </u>	L	
ļ	143	⊢	_	_	<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	<u> </u>	
<u> </u>	144	<u> </u>	↓_	1	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<del> </del>	<u> </u>	
	145	⊢	$\vdash$	<u> </u>	<b>—</b>	<b>—</b>	<del> </del>	$\vdash$	1—	<b> </b>	
<u> </u>	146	├	$\vdash$	<u> </u>	-	1	ऻ_	ļ	$\vdash$		
<u> </u>	147	$\vdash$	⊢	⊢	$\vdash$	$\vdash$	$\vdash$	<del> </del>	$\vdash$	$\vdash$	
<u> </u>	148	⊢	$\vdash$	├—	⊢−	├	<del> </del>	⊢	├-	<del> </del>	
<u> </u>	149	├	-	⊢	⊢	├	<del>                                     </del>	⊢		<del>                                     </del>	
	150	L.		Ц.	<u> </u>	Ц_	L	<u> </u>	<u>L</u>	<u> </u>	